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# YWHAE Polyclonal Antibody

**Cat #:** G-AB-07424

**Host:** Rabbit **Reactivity:** Human, Mouse, Rat

**Isotype:** IgG **Clonality:**

**Overview:**
This gene product belongs to the 14-3-3 family of proteins which mediate signal transduction by binding to phosphoserine-containing proteins. This highly conserved protein family is found in both plants and mammals, and this protein is 100% identical to the mouse ortholog. It interacts with CDC25 phosphatases, RAF1 and IRS1 proteins, suggesting its role in diverse biochemical activities related to signal transduction, such as cell division and regulation of insulin sensitivity. It has also been implicated in the pathogenesis of small cell lung cancer. Two transcript variants, one protein-coding and the other non-protein-coding, have been found for this gene.

**Gene ID:** 7531

**Accession #:**

**Immunogen:** Recombinant fusion protein of human YWHAE (NP_006752.1).

**Conjugation:** Unconjugated

**Swissprot:** P62258

**Calculated Molecular Weight:**

**Observed Molecular Weight:**

**Concentration:** 1 mg/mL

**Buffer:** PBS with 0.02% sodium azide, 50% glycerol, pH7.3

**Purification Method:** Affinity purification

**Application:** IF

**Dilution:** IF 1:50-1:200

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.